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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>	<b>Complete if Known</b>		
	Application Number	09/575,551	
	Filing Date	May 22, 2000	
	First Named Inventor	Raymon F. THOMPSON	
	Art Unit	3652	
	Examiner Name	James W. Keenan	
Sheet	of	Attorney Docket Number	54008.8009.US02

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JWK	AA	US- 5,064,337	11-12-1991	Teruo ASAKAWA et al.	
JWK	AB	US- 5,123,804	06-23-1992	Katsumi ISHII et al.	
JWK	AC	US- 5,236,295	08-17-1993	Katsumi ISHII et al.	
JWK	AD	US- 6,378,145	01-03-1995	Yuji ONO et al.	
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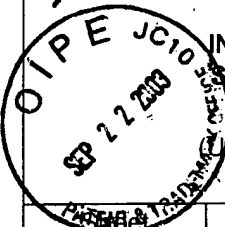
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	J. Keenan	Date Considered	11/14/03
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<div style="text-align: center;">  <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>Form PTO-1449 (Modified)</p> <p>(Use several sheets if necessary)</p> </div>	<b>COMPLETE IF KNOWN</b> <span style="float: right; font-size: 1.5em;">#70</span>		
	Application Number	09/575,551	
	Confirmation Number	1306	
	Filing Date	May 22, 2000	
	First Named Inventor	Raymon F. THOMPSON	
	Group Art Unit	3652	
Examiner Name	James W. Keenan		
Attorney Docket No.	54008.8009.US02		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
<del>C</del>	<del>AA</del>	<del>4,744,715</del>		<del>Kawabata</del>	<del>05-17-88</del>	
<del>JK</del>	<del>AB</del>	<del>4,777,732</del>		<del>Hirano</del>	<del>10-18-88</del>	
<del>JK</del>	<del>AC</del>	<del>5,084,337</del>		<del>Asakawa et al.</del>	<del>11-12-91</del>	
<del>JK</del>	<del>AD</del>	<del>5,110,248</del>		<del>Asano</del>	<del>05-05-92</del>	
<del>JK</del>	<del>AE</del>	<del>5,181,810</del>		<del>Sakata et al.</del>	<del>01-26-93</del>	
<del>JK</del>	<del>AF</del>	<del>5,378,145</del>		<del>Ono et al.</del>	<del>01-03-95</del>	
<del>JK</del>	<del>AG</del>	<del>5,462,397</del>		<del>Iwabuchi</del>	<del>10-31-95</del>	
<del>JK</del>	<del>AH</del>	<del>5,464,313</del>		<del>Ohsawa</del>	<del>11-07-95</del>	
<del>JK</del>	<del>AI</del>	<del>5,468,112</del>		<del>Ishii et al.</del>	<del>11-21-95</del>	
<del>JK</del>	<del>AJ</del>	<del>5,562,383</del>		<del>Iwai</del>	<del>10-08-96</del>	
<del>JK</del>	<del>AK</del>	<del>5,586,585</del>		<del>Bonora</del>	<del>12-24-96</del>	
<del>JK</del>	<del>AL</del>	<del>5,697,749</del>		<del>Iwabuchi et al.</del>	<del>12-16-97</del>	
<del>JK</del>	<del>AM</del>	<del>5,730,573</del>		<del>Masujima et al.</del>	<del>03-24-98</del>	
<del>JK</del>	<del>AN</del>	<del>5,788,448</del>		<del>Wakamori et al.</del>	<del>08-04-98</del>	
<del>JK</del>	<del>AO</del>	<del>5,944,475</del>		<del>Bonora et al.</del>	<del>08-31-99</del>	

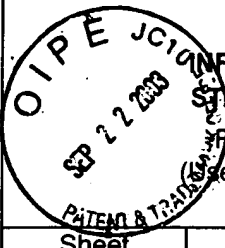
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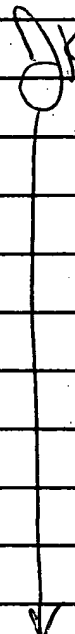
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office	NUMBER	Kind Code (if known)			
<del>JK</del>	<del>AP</del>	<del>EP</del>	<del>0 047 132 A2</del>		<del>Heraeus Quarzschmelze GMBH</del>	<del>10.03.82</del>	
<del>JK</del>	<del>AQ</del>	<del>JP</del>	<del>1-253232</del>		<del>TEL Sagami Ltd.</del>	<del>09.10.89</del>	
<del>JK</del>	<del>AR</del>	<del>EP</del>	<del>0 452 939 A1</del>		<del>Applied Materials, Inc.</del>	<del>23.10.91</del>	

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T

EXAMINER <div style="font-size: 1.5em; margin-top: 10px;">J. Keenan</div>	DATE CONSIDERED <div style="font-size: 1.5em; margin-top: 10px;">11/14/03</div>
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				<b>COMPLETE IF KNOWN</b>	
				Application Number	09/575,551
				Confirmation Number	1306
				Filing Date	May 22, 2000
				First Named Inventor	Raymon F. THOMPSON
				Group Art Unit	3652
				Examiner Name	James W. Keenan
				Attorney Docket No.	54008.8009.US02
Sheet	2	of	3		

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AS	4,431,361	02/14/84	Bayne			
	AT	4,449,885	05/22/84	Hertel et al.			
	AU	4,568,234	02/04/86	Lee et al.			
	AV	4,705,444	11/10/87	Tullis et al.			
	AW	4,724,874	02/16/88	Parikh et al.			
	AX	4,746,256	05/24/88	Boyle et al.			
	AY	4,802,809	02/07/89	Bonora et al.			
	AZ	4,840,530	06/20/89	Nguyen			
	BA	4,924,890	05/15/90	Giles et al.			
	BB	5,054,988	10/08/91	Shiraiwa			
	BC	5,055,036	10/08/91	Asano et al.			

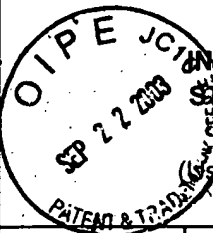
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FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
↓ ↓ ↓ ↓	BD	DE 43 26 309 C1	08/05/93	Germany	—	—		
	BE	JP 1-048442	02/1989	Japan	—	—		
	BF	JP 4-144150	05/18/92	Japan	—	—		
	BG	JP 5-146984	06/15/93	Japan	—	—		

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)


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 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number: 09/575,551 Confirmation Number: 1306 Filing Date: May 22, 2000 First Named Inventor: Raymon F. THOMPSON Group Art Unit: 3652 Examiner Name: James W. Keenan Attorney Docket No.: 54008.8009.US02	
Sheet	3	of	3		

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JK	BH	5,110,248	05/05/92	Asano et al.			
	BI	5,125,784	06/30/92	Asano			
	BJ	5,178,639	01/12/93	Nishi			
	BK	5,180,273	01/19/93	Sakaya et al.			
	BL	5,186,594	02/16/93	Toshima et al.			
	BM	5,232,328	08/03/93	Owczarz et al.			
	BN	5,301,700	04/12/94	Kamikawa et al.			
	BO	5,363,867	11/15/94	Kawano et al.			
	BP	5,388,945	02/14/95	Garric et al.			
	BQ	5,464,313	11/07/95	Ohsawa			
✓	BR	5,544,421	08/13/96	Thompson et al.			

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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes    No
JK	BS	JP 5-211224	08/20/93	Japan			
JK	BT	WO 81/02533	9/17/81	PCT			
JK	BU	JP 6-177109	6/94	Japan			

Abs. only

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			

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